



www.bcs-hq.com

SETO Peer Review Tool Reviewer Training Webinar

March 2020



The BCS Peer Review Tool is a password protected online review platform

<http://www.solarreview.govtools.us>

Solar Energy Technologies Office
2020 PEER REVIEW

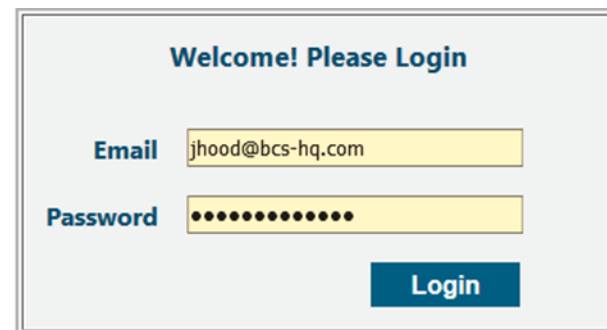
*To log-in, enter email and
assigned password*



*If you forgot your password,
contact Jeff Hood*

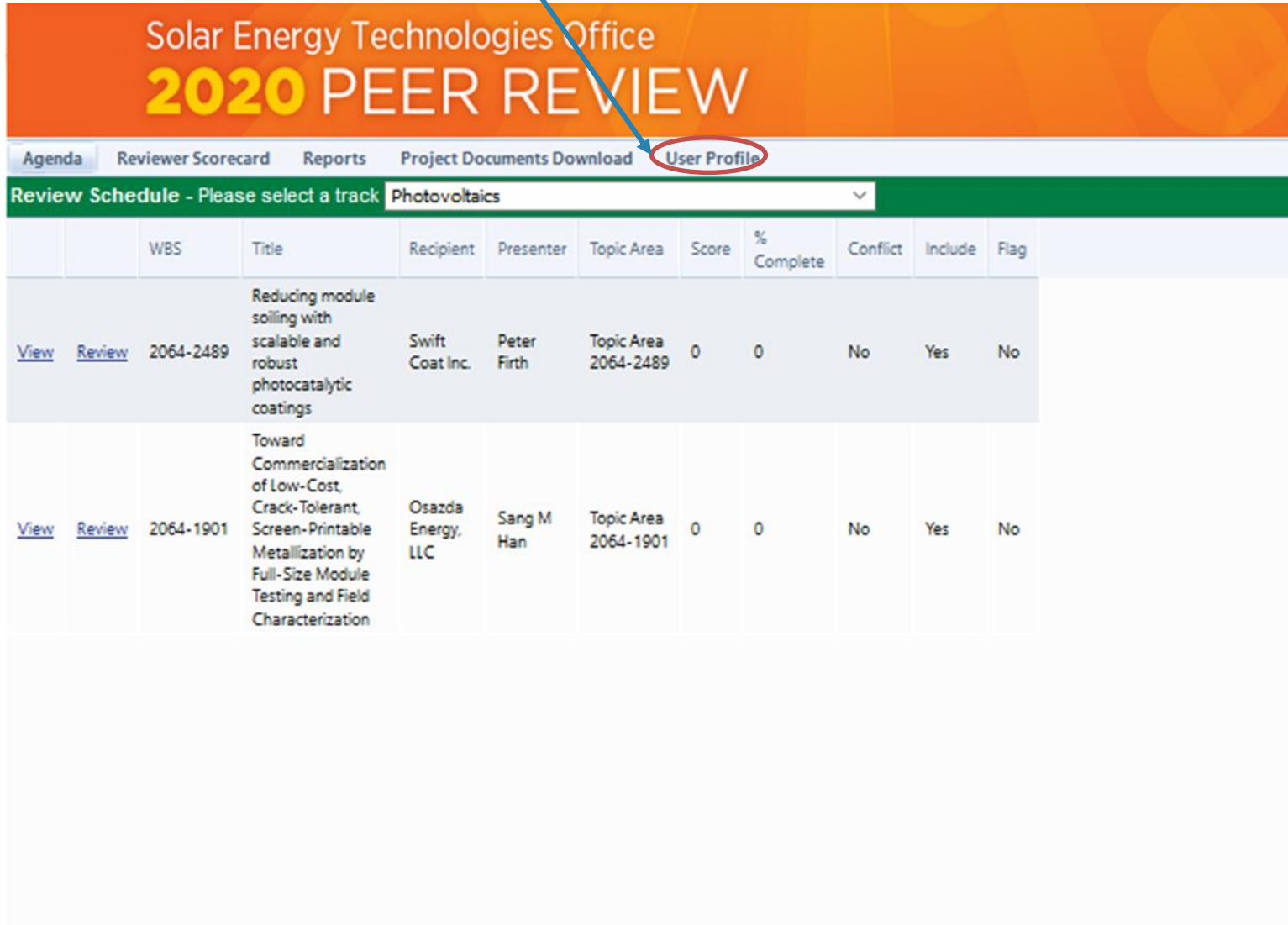
202-410-9200 ext. 358

jhood@bcs-hq.com

A login form with a light gray background and a thin black border. At the top, it says "Welcome! Please Login". Below this, there are two input fields. The first is labeled "Email" and contains the text "jhood@bcs-hq.com". The second is labeled "Password" and contains a series of black dots. To the right of the password field is a blue button with the word "Login" in white text.

Welcome! Please Login	
Email	<input type="text" value="jhood@bcs-hq.com"/>
Password	<input type="password" value="....."/>
<input type="button" value="Login"/>	

Select the “User Profile” tab to change your password to the tool.



Solar Energy Technologies Office
2020 PEER REVIEW

Agenda Reviewer Scorecard Reports Project Documents Download **User Profile**

Review Schedule - Please select a track Photovoltaics

		WBS	Title	Recipient	Presenter	Topic Area	Score	% Complete	Conflict	Include	Flag
View	Review	2064-2489	Reducing module soiling with scalable and robust photocatalytic coatings	Swift Coat Inc.	Peter Firth	Topic Area 2064-2489	0	0	No	Yes	No
View	Review	2064-1901	Toward Commercialization of Low-Cost, Crack-Tolerant, Screen-Printable Metallization by Full-Size Module Testing and Field Characterization	Osazda Energy, LLC	Sang M Han	Topic Area 2064-1901	0	0	No	Yes	No

Change Password

You have been assigned an individual password for the tool.

Solar Energy Technologies Office
2020 PEER REVIEW

Agenda Reviewer Scorecard Reports Project Documents Download **User Profile**

User Profile

Update User Profile

* Required Field

Note: Leave new password box empty if you don't want to change your current password.

*First Name:

*Last Name:

*Email:

Old Password:

New Password:

To change your password simply type your new password into the field

Click "Save to Database" Icon to save new password

VIEW

Solar Energy Technologies Office

2020 PEER REVIEW

Agenda

Reviewer Scorecard

Reports

Project Documents Download

User Profile

Review Schedule - Please select a track

Photovoltaics

Photovoltaics

Planning and Strategy

Soft Costs

Systems Integration

		WBS	Title							Conflict	Include	Flag
View	Review	2064-2489	Reducing module soiling with scalable and robust photocatalytic coatings	Coat Inc.	Firth	2064-2489	0	0	No	Yes	No	
View	Review	2064-1901	Toward Commercialization of Low-Cost, Crack-Tolerant, Screen-Printable Metallization by Full-Size Module Testing and Field Characterization	Osazda Energy, LLC	Sang M Han	Topic Area 2064-1901	0	0	No	Yes	No	

AMO Peer Review Tool Agenda Page

The Peer Review Tool landing page is the “Agenda” tab; it includes Project Title, Recipient, Presenter, and Score.

Solar Energy Technologies Office
2020 PEER REVIEW

Agenda Reviewer Scorecard Reports Project Documents Download User Profile

Review Schedule - Please select a track **Photovoltaics**

		WBS	Title	Recipient	Presenter	Topic Area	Score	% Complete	Conflict	Include	Flag
View	Review	2064-2489	Reducing module soiling with scalable and robust photocatalytic coatings	Swift Coat Inc.	Peter Firth	Topic Area 2064-2489	0	0	No	Yes	No
View	Review	2064-1901	Toward Commercialization of Low-Cost, Crack-Tolerant, Screen-Printable Metallization by Full-Size Module Testing and Field Characterization	Osazda Energy, LLC	Sang M Han	Topic Area 2064-1901	0	0	No	Yes	No

Reviewers select “Review” for each assigned project on the Agenda tab to record scores and comments.

Solar Energy Technologies Office
2020 PEER REVIEW

[Home](#) [Reviewer Scorecard](#) [Reports](#) [Project Documents Download](#) [User Profile](#)
[Review](#)

Select “View Attached Documents” to see associated project materials

Review

Currently Reviewing: Toward Commercialization of Low-Cost, Crack-Tolerant, Screen-Printable Metallization by Full-Size Module Testing and Field Characterization
Principal Investigator: Sang M Han
Recipient: Osazda Energy, LLC
Reviewer: Sander Cohan

[View Attached Documents](#)

[View Client Flag/Comments](#)

Review Criteria: 2020 Peer Review

Score using the following scale

(1 – Strongly Disagree, 2-Disagree, 3 - Slightly Disagree, 4 – Slightly Agree, 5- Agree)

After scoring please explain your score by describing the factors that pulled your score down and what is important that we understand what is working well and what the most important areas for improvement are.

Please Note:

Explanation of Conflict of Interest

- ☒ Include this Review
☐ I perceive a conflict of interest with this Review

Question: The project's goals, approach, and expected impact:

1.1 Align well with this topic's goals and supports SETO mission

Enter Score (1 to 6) [Show Criteria](#) [Select Score](#)

Question: The project's goals, approach, and expected impact:

1.2 Set critical challenges to overcome

Enter Score (1 to 6) [Show Criteria](#) [Select Score](#)

Project Documents List

Title: Toward Commercialization of Low-Cost, Crack-Tolerant, Screen-Printable Metallization by Full-Size Module Testing and Field Characterization

Abstract:
This project is developing a cost-effective metal paste that strengthens the metal connections in solar cells, improving their resistance to fracture, and minimizes cracks that result from degradation and handling. This will increase the long-term durability of the cells. The team will measure and compare crack tolerance with this paste compared with conventional metallization paste, and work with several partners, including a group at Sandia National Laboratories, to test the modules in the field.

Associated Documents List:

Document Name	Document Type	Document Size	Document Comments	Upload Date
DE-EE0009013_OsazdaEnergy_2020 Peer Review Project Report v2.docx	Report	62.02 KB		3/6/2020 4:01:30 PM
DE-EE0009013_OsazdaEnergy_Poster.pdf	Poster PDF	1.01 MB		3/6/2020 4:01:20 PM

Reviewers will have the ability to add non-scored reviewer notes, report a potential COI, read presentations and abstracts submitted by the project, and review the review criteria

Review – Entering in Score & Comments

To enter your review, scroll down page to scoring and comment fields

Solar Energy Technologies Office
2020 PEER REVIEW

Agenda Reviewer Scorecard Reports Project Documents Download User Profile


Question: The project's goals, approach, and expected impact:
1.6 Advance the US solar industry substantially

Enter Score (1 to 6) [Show Criteria](#)

Question: The project's goals, approach, and expected impact:
1.7 Using the above criteria, please summarize the strengths and weaknesses of this project in 100-200 words

Please explain your scores by commenting below. We appreciate substantive feedback that can help us to improve the direction of our projects. Your response is limited to **2000 characters**.

Compose as: ☐ Plain Text ☒ Rich Text



Review Evaluation Criteria →

Use tool bar for formatting and entering in comments →

“Save to Database” to save drafts →

Click “Submit” to submit final review →

Clicking “View” from the agenda page enables the reviewer to see the comments.

Solar Energy Technologies Office
2020 PEER REVIEW

Agenda Reviewer Scorecard Reports Project Documents Download User Profile

Review Schedule - Please select a track **Photovoltaics**

		WBS	Title	Recipient	Presenter	Topic Area	Score	% Complete	Conflict	Include	Flag
View	Review	2064-2489	Reducing module soiling with scalable and robust photocatalytic coatings								
View	Review	2064-1901	Toward Commercialization of Low-Cost, Crack-Tolerant, Screen-Printable Metallization by Full-Size Module Testing and Field Characterization								

View Results

Photovoltaics

Project: 2064-1901 Osazda Energy, LLC

Title: *Toward Commercialization of Low-Cost, Crack-Tolerant, Screen-Printable Metallization by Full-Size Module Testing and Field Characterization*
Presenter: Sang M Han
Topic Area: Topic Area 2064-1901

Criteria	Avg Score	Count
The project's goals, approach, and expected impact	0.00	0
Based on performance to date, the project team	0.00	0
Project Unique and Important Value	0.00	0

1.1 Align well with this topic's goals and supports SETO mission

Reviewer Comments

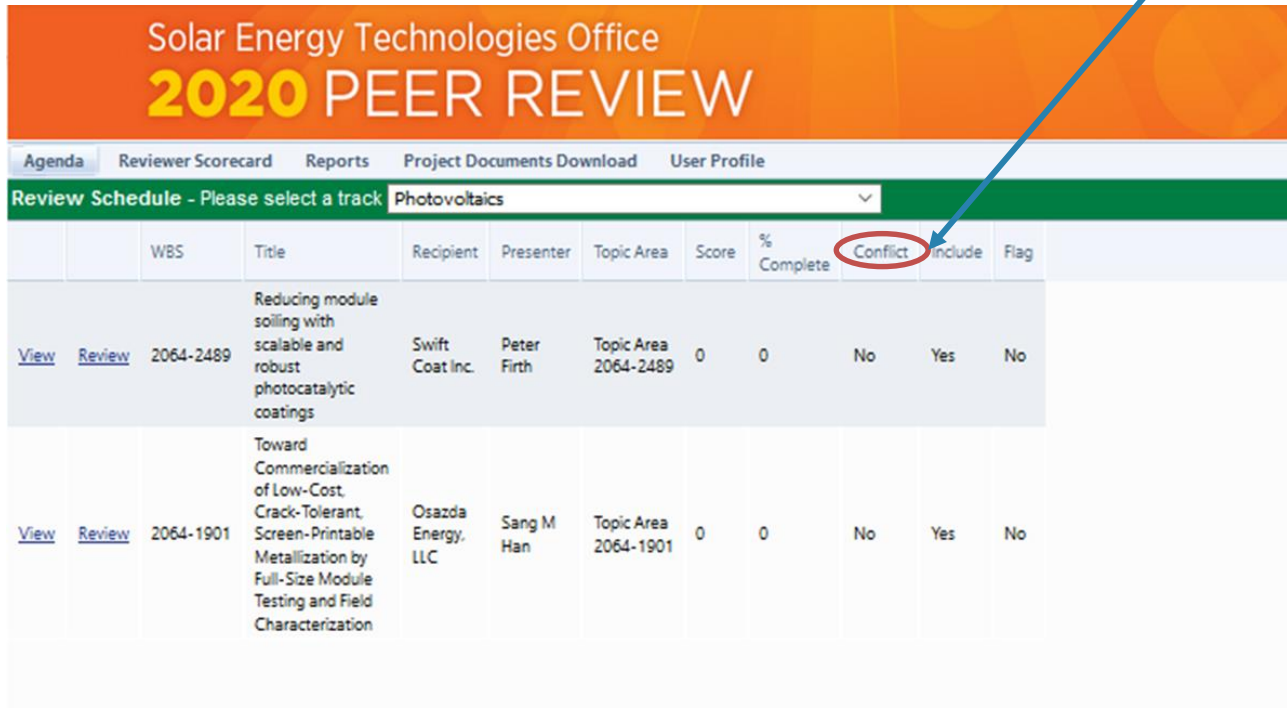
1.2 Set critical challenges to overcome

Reviewer Comments

1.3 Implement a high-risk, high-impact approach

Reviewer Comments

If a reviewer has flagged a project for a potential COI it will be indicated under the “Conflict” column



Solar Energy Technologies Office
2020 PEER REVIEW

Agenda Reviewer Scorecard Reports Project Documents Download User Profile

Review Schedule - Please select a track Photovoltaics

		WBS	Title	Recipient	Presenter	Topic Area	Score	% Complete	Conflict	Include	Flag
View	Review	2064-2489	Reducing module soiling with scalable and robust photocatalytic coatings	Swift Coat Inc.	Peter Firth	Topic Area 2064-2489	0	0	No	Yes	No
View	Review	2064-1901	Toward Commercialization of Low-Cost, Crack-Tolerant, Screen-Printable Metallization by Full-Size Module Testing and Field Characterization	Osazda Energy, LLC	Sang M Han	Topic Area 2064-1901	0	0	No	Yes	No

Flagged Comment

If DOE flags a comment for discussion with a reviewer, it will state “yes” under the “Flag” column

Solar Energy Technologies Office
2020 PEER REVIEW

Jeff Hood [Logout](#)

Agenda Reviewer Scorecard Reports Portfolio Scorecard Project Information Flag Reviews Editor Comments Project Documents Download Administration User Profile

Review Schedule - Please select a track: no-show group

WBS	Title	Recipient	Presenter	Topic Area	Score	% Complete	Conflict	Include	Flag
no-show panel				no-show panel	0	0	No	Yes	No
no-show panel				no-show panel	0	0	No	Yes	No
no-show panel				no-show panel	0	0	No	Yes	No
no-show panel				no-show panel	0	0	No	Yes	No
no-show panel				no-show panel	0	0	No	Yes	No
no-show panel				no-show panel	0	0	No	Yes	No
no-show panel				no-show panel	0	0	No	Yes	No
no-show panel				no-show panel	40	100	No	Yes	Yes

View Results

3. Each task in this project adds unique and important value to achieving the overall goals of the project.

Reviewer Comments

Reviewer: Jeff Hood
Criteria Score: 6
I have many thoughts on this.
Flag: Yes
Client Comments: Let's discuss when you are available. This might improve the project outcomes.

If 'yes' is indicated, to see DOE's Response:

- 1. Select “view” from the agenda page for the project that has been flagged*
- 2. Scroll down in the pop-up until you get to “Client Comments”*

If you have any questions or need support before, during and after the review please contact:

Jeff Hood

Vice President

202-410-9200 ext. 358

jhood@bcs-hq.com

Robert D. Naranjo

Senior Vice President

202-410-9200 ext. 465

rnaranjo@bcs-hq.com

For more information, visit our website at

www.bcs-hq.com